

THE UNIVERSITY OF WOLLONGONG



## GRADUATION CEREMONY

9.45 a.m., THURSDAY, 9th MAY, 1991

IN

THE UNIVERSITY SPORT AND RECREATION CENTRE

COMMERCE, LAW, ENGINEERING, INFORMATICS

**ORDER OF PROCEEDINGS**

**THE PROCESSION AND OPENING**

*The Congregation is requested to stand as the procession, including the Academic Staff, the Council and the Chancellor, enters the Hall.*

**CHORAL ITEMS**

**THE UNIVERSITY SINGERS**

*Directed by David Vance, BA N.S.W., BMus Syd., LMusA., Music Development Officer*

*Gaudeamus Igitur .....Traditional*

*Moonlight Serenade .....Warren, arr. Oehm*

*The Chancellor, The Honourable R.M. Hope, AC, CMG, LLB Syd., Hon. LLD W'gong, will open the proceedings.*

**CONFERRING OF DEGREES AND AWARDING OF DIPLOMAS**

*Candidates will be admitted to degrees and awarded diplomas by the Chancellor. The Congregation may applaud as the name of each graduate is announced.*

**MUSICAL INTERLUDE**

*School of Creative Arts Brass Quartet  
Richard Starr, Jillian Hayden: Trumpets  
Mitchell Whitelaw: Trombone  
Tara Fermor: Euphonium*

*Prelude and Fugue.....J.S. Bach, arr. Benoy (1685-1750)*

**OCCASIONAL ADDRESS**

*Mr George Maltby, BA (Sydney), will deliver the Occasional Address.*

Mr Maltby is one of Australia's top international telecommunications management experts. He joined the Overseas Telecommunications Commission in 1946 and was appointed Managing Director in 1985 and held this position until his retirement in 1988. In recent years, Mr Maltby has been an executive advisor to several major corporations. He is also involved in technology transfer between universities and industries and is Deputy Chairman of the Illawarra Technology Corporation within the University of Wollongong.

**THE THANKS**

*The Pro Vice-Chancellor, Professor J.L.C. Chipman, will move the vote of thanks.*

**CONCLUSION**

*The Chancellor will close the proceedings.  
The Congregation is requested to stand as the procession retires.*



**ARMS OF THE UNIVERSITY**

The principal elements incorporated in the Arms of the University are the blue of the sea, the gold of the sand and the red of the Illawarra flame tree. The open book often used for educational institutions has also been included. The blazon is: "Azure a Book expanded Argent bound and clasped Or on a Chief of the last three Cinquefoils pierced Gules".

## ORGAN MUSIC

**Peter Nickolas**, BMath N'cle (NSW), PhD NSW, DipCompSci (Q'ld)

### Before the Procession Enters

*Prelude and Fugue in B minor (BWV 544) .....J. S. Bach (1685 -1750)*

### As the Academic Procession Enters

*Processional ..... Peter Hurford (b. 1930)*

### As the Recession takes place

*Allabreve in D, BWV 589 .....J.S. Bach (1685 - 1750)*

*The organ used in today's Graduation Ceremony is a Yamaha HX1 from Jurjens Yamaha Living Music Centre, Wollongong.*

## FACULTY OF COMMERCE

### Associate Diploma in Administration

#### - Industrial

Robert Lynton Burrage  
Nadia Colarusso  
Dawn Ellen Crowther  
Dennis Alan Green  
Henry Karpik  
Shu Hwa Low  
Lawrence George Lucas  
Robert Norman McDougall  
Terence Anthony Melouney  
Edward Palmer  
Robert Smith

#### - Small Business Management

Adrian Clarence Miller  
Barry Stephen Thomas

### Associate Diploma in Computer Applications

Maria Gina Barbisan  
Graeme John Beresford  
Scott William Butler  
Fong Mei Fan Anna  
Jose Abad Humphreys  
Rhonda Issa  
Jun In Deok  
Gregory Morrison Kuhnert  
Mark Allan Luland  
Leco Markovski  
Julie Anne McMahon  
Stephen John McNamara  
Dragi Mitreski  
Mark James Neeves  
Ricky David Threlfo  
Natalie Louise Van De Veerdonk  
Nektarios-Iacovos Vouzakis  
Karolyn Annette Wilson

#### ***With Distinction***

Liu Chung Ming  
George Patrick Paul Oliver

## **FACULTY OF LAW**

### **Graduate Diploma in Law**

Arvind Narain Mathur, BE  
Heath Adam Watt, BA

## **FACULTY OF ENGINEERING**

### **Bachelor of Engineering**

#### **- Civil Engineering**

Ahmad Yani Abdul Wahab  
Mohamad Zamberi Ahmad  
Zamri Ahmad  
Alias Mohd Farid  
Antonio Jose Barriera  
Peter Craig Brancourt  
Norhaidi Bunjamin  
Karen Dawn Dombkins-Geer  
Goran Dra'zina  
Christopher Colin Fraser  
Anne-Maree Froud  
Claudio Fernando Garrido  
Ruzani Haji Ismail  
Raymond Tet Vui Hiew  
Mohd Farid Hj Ahmad  
Mohd Sobri Hussein  
David Macfarlane Hyne  
Quan Le

Mohamad Gemuruh Nadjamuddin  
Epeli Tobakarakawa Watisoni Naivalu  
Nasr Nasr  
Fernando Igor Ortega  
Izhar Osman  
Steven Chun Heng Pang  
Neil William Pope  
Abd Rahim Said  
Hani Sidaros  
Sang Tat  
Michael Andrew Tilden  
Giuliana Torresan  
Minh Ha Tran  
Wan Abdul Rahman Syeed Mohamad  
Hussien  
Bryan Malcolm Willey  
Mohamad Nazri Zainal Abidin

#### **- Materials Engineering**

Paul Jonathan Nuske

#### **- Mechanical Engineering**

Mohamad Hanapiah Abu Bakar  
Julian Alexander Banhidi  
Ercument Caglar  
Ibrahim Ismail  
Azman Jemaat Las Hassan  
Nordin Kadir  
Jim Koulousidis  
Gordon Milton Lacey

Peter Louskos  
Sergio Victor Mantellato  
Ashari Mohammad  
Noor Ilias Mohd Idris  
Ayob Muda  
Loi M. Tran

### **Bachelor of Engineering (Cont'd)**

#### **- Mining Engineering**

Jeffrey John Eager  
Grant Stuart Hennessy  
Patrick Gerard Kelly

#### **- Civil and Mining Engineering**

Douglas Charles Johnston

### **Bachelor of Engineering (Honours)**

#### **- Civil Engineering**

Abdul Kadir Alias (Honours Class II, Division 2)  
Mirko Bertapelle (Honours Class II, Division 2)  
Stephen James Brain (Honours Class II, Division 2)  
Chiang Choong Luin (Honours Class I)  
George Daoud (Honours Class III)  
Robert Ellison (Honours Class III)  
Roberto Franco (Honours Class III)  
Wan Anizal Binti Ibrahim (Honours Class II, Division 2)  
Hamdan Johari (Honours Class III)  
Michael Joseph Khan (Honours Class III)  
David Phillip McTiernan (Honours Class II, Division 2)  
Abd Hisham Mohamad (Honours Class II, Division 1)  
Mohd Noor Norliza (Honours Class III)  
Razman Muhamad Redzuan (Honours Class III)  
Nik Mohamerdeka Muhammad Yusof (Honours Class II, Division 1)  
David Christopher Purdy (Honours Class II, Division 2)  
Glenn Richard Saddler (Honours Class III)  
Leon Clifford Savage (Honours Class II, Division 2)  
Andrew Mark Symonds (Honours Class II, Division 2)  
Liam Terris (Honours Class II, Division 1)

#### **- Materials Engineering**

Craig Andrew Bamford (Honours Class II, Division 1)  
Darren James Burne (Honours Class III)  
Michael Funcik (Honours Class I)  
Trevor James Horton (Honours Class II, Division 2)  
Nick Mitrevski (Honours Class III)  
Garry Ross Mortimer (Honours Class III)  
Frank Perri (Honours Class III)  
Leonard Keith Woods (Honours Class I)

## Bachelor of Engineering (Honours) (Cont'd)

### - Mechanical Engineering

Ahmad Faiz Abdul Hamid (Honours Class II, Division 2)  
David John Bedwell (Honours Class I)  
Robert Marcus Bender (Honours Class III)  
Martin Francis Byron (Honours Class II, Division 1)  
Bruce Norman Chapple (Honours Class II, Division 1)  
Craig Philip Croxton (Honours Class II, Division 2)  
Stuart Anderson Fraser (Honours Class II, Division 2)  
Matthew Bryan Gibson (Honours Class II, Division 1)  
Philip Oscar Glutz (Honours Class II, Division 1)  
Brooke Knowles (Honours Class II, Division 1)  
Ross James Milne (Honours Class II, Division 1)  
Ahmad Mohd. Tahir (Honours Class III)  
Mohd. Razif Mohd. Yusoff (Honours Class III)  
David Michael Morgan (Honours Class II, Division 2)  
Mark Andrew Oats (Honours Class II, Division 1)  
Amran Othman (Honours Class III)  
Anthony Craig Pilt (Honours Class II, Division 2)  
Craig John Powell (Honours Class I)  
Oscar Daniel Sanjurjo (Honours Class II, Division 2)  
Samsudin Sunar (Honours Class III)  
David John Talbert (Honours Class II, Division 2)  
Stan Michael Vatovec (Honours Class II, Division 2)

### - Mining Engineering

Derek Norman Adam (Honours II, Class 2)  
Dane George Crandon (Honours II, Class 2)  
Gerald Linde (Honours II, Class 1)  
Peter William Whittall (Honours II, Class 1)

## Bachelor of Engineering (Honours)/Bachelor of Commerce

### - Civil Engineering and Management Studies

Heon Chee Shyong (Honours Class III)

## Bachelor of Engineering (Honours) and University Medal

### - Civil Engineering

Michael Craig King (Honours Class I)

## Master of Engineering (Honours)

### - Department of Civil and Mining Engineering

Nobushige Amino, BE *Nihon*  
Ross Edward Dean, BE  
Tingkan Lu, BE *Xian (P.R.C.)*  
Anton Yuswak, BSc  
Zulichwan, BE *A.G.M. Bandung*

### - Department of Mechanical Engineering

Kevin Simon Boddeus, BEd *Syd.*  
Cheng Wing Yeung, BE *Tamkang*  
Ahmed Mohammad Yunus, BSc *Lahore*

## Master of Metallurgy (Honours)

Neil Malcolm Hogg, BE *Syd.*

## Doctor of Philosophy

### - Department of Civil and Mining Engineering

Yasmin Ashaari, BE  
Thesis: "Soil-Reinforcement Interaction in Reinforced Earth Walls"

Jing-Ping Lu, ME *X.I.M.C.E.*  
Thesis: "Influence of Strain Hardening, Strain Ageing and the Bauschinger Effect on Steel Tubular Strut Load Capacity"

Mohsen Salaheldin, BE *Cairo*, ME  
Thesis: "Aspects of Thin-walled Structural Behaviour"

### - Department of Materials Engineering

Qinglin He, MSc *Shenyang*  
Thesis: "Fluid Dynamics and Droplet Generation in the BOF Steelmaking Process"

Budi Dharma Notowidjojo, BMet  
Thesis: "A Study of Zinc-Nickel Galvanized Coating of Silicon Steels"

Yan-Hui Yang, ME *U.S.T. Beijing*  
Thesis: "Fundamental Study of Pore Formation in Iron Ore Sinter and Pellets"

## **FACULTY OF INFORMATICS**

### **Bachelor of Engineering**

#### **- Computer Engineering**

Wangsa Atmadja Kusuma  
John Vang  
Bill Varday-Newfield

#### **- Electrical Engineering**

Ghassan Abboud	Soon Heng Lim
Karl Edward Ahrenfeld	Ralph Louwdyk
Rozani Chejamaluddin	Azman Masbah
Ian Davey	Abdul Latif Mohamed
William Sebastian Dor	Faridah Mohd Yusuf
John Francis Duck	Tamer Pehlivan
Mark John Golebiewski	Saadiah Saad
Ahmad Najib Hajiharun	Alan Silvan Skofic
Frederick Edward Hardtke	Gavin John Swain
Levent Ince	Raymond Mun Lee Tye
John Kostogiannis	Gregory James Willis

### **Bachelor of Engineering (Honours)**

#### **- Computer Engineering**

Peter Papadimitriou (Honours Class I)  
Ian Edward Roberts (Honours Class II, Division 2)

#### **- Electrical Engineering**

Philip Paul Ciufo (Honours Class II, Division 1)  
David Adrian Johnson (Honours Class II, Division 2)  
Troy Jason Roberts (Honours Class II, Division 2)  
Paul Anthony Trinca (Honours Class II, Division 2)

### **Bachelor of Mathematics/Bachelor of Engineering (Honours)**

#### **- Electrical Engineering**

Mark Joseph Lesha (Honours Class I)  
Mak Kwai Lan (Honours Class II, Division 2)

### **Bachelor of Information Technology and Communication**

So Ki Chan  
Tony Ghosn  
Darrin John Ohannessian  
Darren Charles Rudd  
Peter Elias Thermos  
Toula Thymakis  
Margarita Villaroman

### **Bachelor of Information Technology and Communication (Honours)**

Lucia Doro (Honours Class II, Division 1)  
Michael Savanis (Honours Class II, Division 2)

### **Bachelor of Mathematics**

Wayne Michael Adams  
Abdul Halim Arshad  
Robert Ian Bailey  
Charlene Allison Baker  
Stiven Bordin  
Michael Henry Bowden  
Kylie Renee Breed  
Enrico Broletto  
Anita Maree Burgess  
Anthony Jon Cause  
John Christopher Conran, BMet  
Yotta Constantinou  
Margarita Cortes  
Paola Costa  
Graham James Crayford  
Peter John Dalley  
Diniz Da Rocha  
Van Kien Dinh  
Gerrard Mathew Drury  
Alan Dennis Eaton  
Mark Peter Gehrke  
Mark Giacheri  
Mark Groombridge  
Tenniel Alan Guiver, BMet  
Paul Thomas Hamilton  
Andrew Malcolm Harper  
Neil Lindsay Harper  
Graham Anthony Heathcote  
Glenn Michael Hinchey  
Pertev Husein Ismail  
Steven Gilbert Johnston, BE  
Walid Joyan  
Fiona Margaret Kerr  
Kirit Khatr  
Graeme William Kirkwood  
Harald Willi Kolodziej

Peter Kostantakis  
Lai Chun-Hing Dave  
Stephen Daniel Lambeth  
Ray Kam Shing Law  
Anh Kim Le  
Lee Ka Tai  
Andrew Patrick Levy  
Peter Ka Hay Li  
Quan Pho Lieu  
Paul Linnett  
David Anthony Lugsdin  
Ma Giai Hoa  
Paul William Marsh  
Sushma Mathur  
Poppy Milionis  
Anesh Prasad Mishra  
David Wai Ming Mock  
Robyn Kathleen Mooney  
Shane Edward Moss  
Evangelos Mourmourakis  
Peter Alan Newing  
Jennifer Hanh Dieu Nguyen  
Mai Thi Huynh Nhan  
Mohd Fauzi Othman  
Iveta Pazitnay, BCom  
Arthur Pennas  
Dung Phan  
George Siu Tin Poon  
Quach Cuong  
Michael Randoja  
Carlos Albert Rodrigues  
David Allan Rouse  
Carolyn Elizabeth Scarratt  
Pei Pei See  
Graham Shaw  
Brett Simmons



### **Bachelor of Mathematics (Cont'd)**

Hoatta Sitia  
Gerardo Sozio  
Peter Yong Ji Su  
Alex Chin Yiu Tam  
Tan Kwan-Tse  
Thi Hy Thuan

Minh Thanh Tran  
Andrew James Vale  
Lina Cinzia Wells  
Neil Robert Williams, BMet  
Gregory James Wootton

### **Bachelor of Mathematics (Honours)**

Robert Gregory Hatton (Honours Class II, Division 1)  
Teck Sheng Lim (Honours Class II, Division 2)  
Catherine Louise O'Rourke (Honours Class I)

### **Bachelor of Engineering (Honours) and University Medal**

#### **- Computer Engineering**

David John Atkinson (Honours Class 1)

### **Graduate Diplomas**

#### **- Computing Science**

James Moody Clacher, BE *Q'd.*  
Ian Earle Dowson, BSc *N.S.W.*, DipEd  
Van-Dao Mai, BA  
Donald Paul McInerney, BE *Q'd.*

#### **- Mathematics**

Leslie Gordon Moore, MAppSc *R.M.I.T.*

### **Master of Engineering (Honours)**

#### **- Department of Electrical and Computer Engineering**

Hendra Gondokusumo, BMath/BE  
Huang Yu Hui, BE *Jiao Jung*

### **Master of Science (Honours)**

#### **- Department of Computer Science**

Anwar Djuhartono, BMath GDipCompSc

#### **- Department of Mathematics**

Cheng Yuk-Wing, BSc *H.K.*

### **CONFERRAL IN ABSENTIA**

*Those whose names appear in the programme but who are unable to be present at the ceremony will be admitted to the degrees or awarded the diplomas for which they have qualified.*

## NOTES

### DEGREES CONFERRED BY THE UNIVERSITY COUNCIL SINCE THE MAY, 1990 GRADUATION CEREMONIES.

#### Doctor of Philosophy

##### Department of Geology

Richard Claproth, Sarjana *I.T.B. (Indonesia)* ..... 27 July, 1990

#### Master of Arts (Honours)

##### Science and Technology Studies

John Edward Webster, BA ..... 27 July, 1990

#### Master of Engineering (Honours)

##### Mining Engineering

Zichun She, BSc *C.S.I.M.M. (China)* ..... 1 February, 1991

#### Bachelor of Education

##### Physical and Health Education

Carmel Maree McCudden ..... 7 December, 1990

### AMENDMENT TO THE MAY, 1990 BOOKLET

#### Associate Diploma in Computer Applications

The following graduate's diploma was awarded "with Distinction":

Barry John O'Leary

### THE CEREMONY OF GRADUATION

The University of Wollongong has offered university studies for nearly 30 years and is known for its energy and innovation in fields ranging from creative arts to communications technology. This University looks towards the 21st century but, in the customs and ceremony of a graduation, it asserts its inheritance from the first Universities of the 12th and 13th centuries. For nearly 900 years, universities have educated and trained leaders of society and produced ideas and instruments of great social and scientific change. Yet, they proudly retain medieval traditions which still visibly celebrate both the achievements of the scholar and graduate and the universities' long commitment to the search for knowledge.

The academic titles and terms of address, the music and, especially, the academic dress distinguish and colour a graduation ceremony. The gowns are modified versions of medieval university dress: all masters and scholars were then members of the clergy. This university has chosen blue gowns for all diplomas and for the Bachelor and Master degrees. The hoods, originally a useful head cover, are lined with different coloured silks and trims to denote the type of award – for example, the Bachelor of Arts hood is lined with gold silk and the Commerce hood with emerald green. The degree graduates wear blue, tasselled trenchers or mortar boards which were introduced in 17th century Oxford and Cambridge.

The dress for the doctoral degrees of Doctor of Philosophy (PhD) and Doctor of Creative Arts (DCA) is distinguished by red facing on the blue gown and black velvet Tudor bonnets with a red tassel for the PhD and a blue one for the DCA. The higher doctorates – Doctor of Science and Doctor of Letters – have a red gown faced with blue and, again, a Tudor bonnet tasselled with silver and gold respectively.

The Chancellor, gowned in black brocade trimmed with gold lace and braid, is the chief dignitary and leader of the university community. The Chancellor presides over meetings of the Governing Body, the University Council, and confers degrees and diplomas in Council's name.

A graduation ceremony is in many ways an historical pageant but it is above all a celebration of individual achievement and the continuing role of the university.